

CTCDRH124F Series From 3.9 μ H to 330 μ H

ENGINEERING KIT #23



CHARACTERISTICS

Description: SMD (shielded) power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

Operating Temperature: -25°C to +80°C

Inductance Tolerance: $\pm 20\%$, $\pm 30\%$

Testing: Inductance is tested on an HP4284A at 100KHz.

Packaging: Tape & Reel.

Marking: Parts are marked with inductance code.

Miscellaneous: RoHS Compliant.

Additional Information: Additional electrical & physical information available upon request.

Samples available. See website for ordering information.

SPECIFICATIONS

Part numbers indicate tolerance available.

N = $\pm 30\%$, M = $\pm 20\%$

Part Number	Inductance (μ H)	L Test Freq. (KHz)	DCR Max. (Ω)	IDC Max. (A)
CTCDRH124F-3R9N	3.9	100	.02	6.5
CTCDRH124F-4R7N	4.7	100	.02	5.7
CTCDRH124F-6R8N	6.8	100	.02	4.9
CTCDRH124F-8R2N	8.2	100	.03	4.6
CTCDRH124F-100M	10	100	.03	4.5
CTCDRH124F-120M	12	100	.04	4.0
CTCDRH124F-150M	15	100	.05	3.2
CTCDRH124F-180M	18	100	.06	3.1
CTCDRH124F-220M	22	100	.07	2.9
CTCDRH124F-270M	27	100	.08	2.8
CTCDRH124F-330M	33	100	.10	2.7
CTCDRH124F-390M	39	100	.13	2.1
CTCDRH124F-470M	47	100	.16	1.9
CTCDRH124F-560M	56	100	.19	1.8
CTCDRH124F-680M	68	100	.22	1.5
CTCDRH124F-820M	82	100	.26	1.3
CTCDRH124F-101M	100	100	.31	1.2
CTCDRH124F-121M	120	100	.38	1.1
CTCDRH124F-151M	150	100	.53	1.0
CTCDRH124F-181M	180	100	.62	0.9
CTCDRH124F-221M	220	100	.70	0.8
CTCDRH124F-271M	270	100	.87	0.6
CTCDRH124F-331M	330	100	.99	0.5

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C	D
mm	12.5	4.5	7.6	5.0
inches	0.492	0.18	0.299	0.197

